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<400> 390

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<400> 436

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<210> 437
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<212> DNA
<213> *Aspergillus nidulans*

<400> 437

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 <213> *Aspergillus nidulans*

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<210> 440
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 <213> *Aspergillus nidulans*

<400> 440

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 <213> Aspergillus nidulans
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<213> Aspergillus nidulans

<400> 442

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 <213> *Aspergillus nidulans*

<400> 443

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<212> DNA
<213> Aspergillus nidulans

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<400> 446

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<211> 682
<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 457

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<210> 458

<211> 865

<212> DNA

<213> Aspergillus nidulans

<400> 458

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<210> 459
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<212> DNA
<213> Aspergillus nidulans

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<210> 460
<211> 4525
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations

<400> 460

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<210> 461
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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 461

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<210> 462
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 462

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<210> 463
 <211> 1566
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 463

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 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
 <400> 464

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 465

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<211> 1916

<212> DNA

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<400> 476

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<400> 477

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 <212> DNA
 <213> Aspergillus nidulans

<400> 481

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<400> 483

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 gatcactttc acagatgcat cgtaagttta tgggtcaacct tgagttcaac catgagttca 1020
 aggccgcgaa ggctagtgat ttggcagtc aaacccgcgc cccaggaagc tctccatctt 1080
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<210> 485
 <211> 1114
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 485

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<210> 486
 <211> 1481
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 486
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<210> 487
 <211> 1009
 <212> DNA
 <213> Aspergillus nidulans

<400> 487

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 ctctgccgt agacagctag catggccata ccaagctccc ggagccctc gtggacgact 180
 gcgtggacga ccgctgggc ggctcgtag acggcgtcgc ggctatggag agaaagtaga 240
 agagccggtt ctgtaaggaa agggagattc cagaagctat aagttttaag tacaatcccg 300
 gccagtacga cgatccttc ttcctttcac tcatcttcag gctggtttct ctctcatcc 360
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 gtgggatatc ctgcgggca aagcgtgct gaaacagggtg gaggaccagt tcgtcaagcc 540
 ccgtacttc aacagcacgt gtacgctca caatgctgcc gtccgtcgcg aatgggtcgt 600
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<210> 488
<211> 521
<212> DNA
<213> Aspergillus nidulans

<400> 488

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aaaaaaaaa aaaattacaa agcattttat atgacacata agctcaacaa atcagtagga 240
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gaacgacaca gcttatatgg agcaagggtg cctatcctgt gtcctgaaag gagagtggca 480
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<210> 489
<211> 810
<212> DNA
<213> Aspergillus nidulans

<400> 489

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gattatgtct gatgaatcat ccttcccgtg ctatgactcg ctgatacctt tgagtttctg 180
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acatacaatc atactcattt cagattccaa cccactctt gctcgtagtg aagcacagct 300
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acaccctgt aggactcccg caatgcagta tgtctatcta taaacatgta agtgcaacaa 420
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aggctataca gatagtcgct tccgcgagta tactgccccca cctggcattg ggaggccgcc 720
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<210> 490
<211> 716
<212> DNA
<213> Aspergillus nidulans

<400> 490

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agccggccaa aacacccccgc caggagaaac tcgactacgt tgaagaggtc atcaaacttc 180
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<210> 491
<211> 1172
<212> DNA
<213> Aspergillus nidulans

<400> 491

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 tcctggatta ttcaataaca aaaataaaaa gaaatcagtt gtaacattat tataattact 240
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 ctatttatat attatgggtt agcttgagat atagtaataa catagcaacg gcagtgcaca 360
 aatccatgaa attatgcaga tttcaagcat ttggtcatat atcagctgca aactgagtaa 420
 tgtgcacctc attcaagtcg atacaggctg tcacagttct atgtgctgtg atcatgagcc 480
 aacacagatt acagagctca tcgtgtacac catgaatgat tctgccatcc ttgactgcct 540
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 tgcagaggtc gctcagttcc agatacagga cattctcact acccactccg cctcattac 1080
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<210> 492
 <211> 832
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 492

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 ggccgatata gtgcgactcg ccgtaatcgt tccaggtgac gatctcgatg aatcgtgggc 600
 ccatgggtcaa cagttgctgc cagcgggtcat accacaacaa atctccaggg aagaccaggt 660
 tcttgctgta cgggacttca gggccgaaat ggggtgaagaa ccaggagagaa gcagctggaa 720
 aagtcactac tgaacgtgcg agcttgtcac catggatacg tacgagcaat gtagtccttt 780
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<210> 493
 <211> 525
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 493
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 gcagtgcttg aggtttacgc atctccgctc gccagttggt ggaaggggaat aggggaatatt 480
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<210> 494
 <211> 546
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 494

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 gggctggttag ctctcctaca acatatacaa gatacccagg gcctgatagt atattatcag 180
 gtctatatac agtaacagca ggggtactac tataattata tatctcccta ggggctgtat 240
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 cttgaa 546

<210> 495
 <211> 893
 <212> DNA
 <213> Aspergillus nidulans

<400> 495

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 caggttctgt gctgttatgg gtcccttgcc tatacaagga ccttagacct tagtgactcg 180
 gccaggcct gcgctgttct gaaggcgggtg agccaactgt aagacttcct tacaataata 240
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 tataaagaga cctttttata taataataga agaagaaagt attatattat tactatagca 420
 gctctaggag ctctatatag agatacagac ttagaaataa cagctctaag aagagaataa 480
 tagcttataa atagaattat aggctgtata gaacttataa ctaagaaact atctactagt 540
 tactactata gttatatctg taatacctac tgccataaaa taaagctacc tctgttctta 600
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 tactatatct ataactacct aagaagaaaa gctagctagt atatattatt atagctcttg 780

gcttactaga aatctaagac tctgtacta taagcagaat tctttataat attaaataaa 840
gccttttagta atcctgacta ataaaaaaag gctcttgat aagtaaatat aat 893

<210> 496
<211> 573
<212> DNA
<213> Aspergillus nidulans

<400> 496

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tttatatata tttctagtac tggtagaggt ctttattagt ataaataagt atattaataa 180
gatatataga atagaattta tctagatatt cctagaaggt ctagttaata tattttttaga 240
agatatatag tatattagct aacttaaaaa gggtaactag ctatttaaag agtctatatt 300
ttatataaaa agtagttatt tattcctaatt ctttagccat ataaatctta taaaaagtag 360
taaatatatc tagcttagag aattatctag cttgcctaatt ttagtttagt attttataaa 420
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<210> 497
<211> 832
<212> DNA
<213> Aspergillus nidulans

<400> 497

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aagtctccat gaccttcaac tagattctgt tgaacttccc actcagccag aaagctgacc 180
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gccctgagcg accatgacct ctttaacgcg cgacgaatac acgtttgCGT ggatatgCGc 480
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 caaacaatcc gccgatccaa atgcctacga agttggcgaa ttgaacggTc actatatTgt 600
 cattgcatgc ctaccagccg gcgtatacgg aacagtctct gctgcaaccg ttgtgtcGcg 660
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 tccgggcaga aataatgata ttcgattagg cgatgtggTg gtcagcaagc cagttggaaa 780
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<210> 498
 <211> 548
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 498
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 ctagtttatt tgattagaat attaaatatt agggatatagc tctagttaaa tatttttaat 240
 cttataatta gggTatttct tacttattta tcttaaatta taatatttat tttatattag 300
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 acccctaaat taatagttaa ttaaaatata taatataaat tattaaaatt atattctgct 420
 atgcctgtat acagggctta taataaatta attaattatt tataattatt atagctattc 480
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<210> 499
 <211> 5330
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 499
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attcaaaaac tatgactata tagtatcgtg aacagccctg tgggttttgt tatattatat 180
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<212> DNA
<213> *Aspergillus nidulans*
<400> 515

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<210> 516
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 <212> DNA
 <213> *Aspergillus nidulans*

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 <211> 888
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<210> 518
 <211> 338
 <212> DNA
 <213> Aspergillus nidulans

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<210> 519
 <211> 1804
 <212> DNA
 <213> Aspergillus nidulans

<400> 519

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<210> 520
<211> 3082
<212> DNA
<213> *Aspergillus nidulans*

<400> 520

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<210> 521
 <211> 740
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 521
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<210> 522
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 <213> *Aspergillus nidulans*

<400> 522

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<210> 523
 <211> 459
 <212> DNA

<213> Aspergillus nidulans

<400> 523

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<210> 524

<211> 559

<212> DNA

<213> Aspergillus nidulans

<400> 524

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<210> 525

<211> 2263

<212> DNA

<213> Aspergillus nidulans

<400> 525

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 <213> Aspergillus nidulans

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<210> 528
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<400> 528

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 <211> 1962
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 529

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<400> 530

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 <213> *Aspergillus nidulans*
 <400> 531

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 <213> Aspergillus nidulans

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<400> 533

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<212> DNA
<213> *Aspergillus nidulans*
<400> 534

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 <211> 1126
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 <213> Aspergillus nidulans

<400> 551

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 <212> DNA
 <213> Aspergillus nidulans

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<400> 559

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<400> 569

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<212> DNA
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<213> Aspergillus nidulans
<223> unsure at all n locations
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<213> Aspergillus nidulans
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<210> 585

<211> 788

<212> DNA

<213> Aspergillus nidulans

<400> 585

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<211> 1946
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<213> *Aspergillus nidulans*

<400> 586

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<213> *Aspergillus nidulans*

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<213> Aspergillus nidulans

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<400> 594

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 <211> 1473
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 631

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<212> DNA
<213> Aspergillus nidulans

<400> 632

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<210> 633
<211> 537
<212> DNA
<213> Aspergillus nidulans

<400> 633

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<210> 634

<211> 576

<212> DNA

<213> Aspergillus nidulans

<400> 634

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<210> 635

<211> 2653

<212> DNA

<213> Aspergillus nidulans

<400> 635

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 <211> 557
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 636

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 <212> DNA
 <213> Aspergillus nidulans
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 <211> 542
 <212> DNA
 <213> Aspergillus nidulans

<400> 638

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 <213> Aspergillus nidulans

<400> 639

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<210> 640
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 <212> DNA
 <213> *Aspergillus nidulans*

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 <212> DNA
 <213> Aspergillus nidulans

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<210> 642
 <211> 586
 <212> DNA
 <213> Aspergillus nidulans

<400> 642

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 <212> DNA
 <213> Aspergillus nidulans
 <400> 643

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 <213> Aspergillus nidulans
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<400> 647

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<400> 653

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<212> DNA

<213> *Aspergillus nidulans*

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<400> 728

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